

Notice of Allowability

Application No.

09/826,649

Examiner

Krisna Lim

Applicant(s)

SAEIDI, BABAK

Art Unit

2153

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 7/11/05 and the interview on 9/9/05.
2. ☒ The allowed claim(s) is/are 1, 3-9, 11-13, 15-18, 35, 37-43, 45-52, 66-72 and 74-76.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Jonathan M. Lindsay (Reg. No. 45,810) on September 9, 2005.

Amendment to the Specification:

Please amend the paragraph beginning on page 19, line 1 as follows:

--When implemented in software, the elements of the present invention are essentially the code segments to perform the necessary tasks. The program or code segments can be stored in a processor readable medium or transmitted by a computer data signal embodied in a carrier wave over a transmission medium or communication link. The "processor readable medium" or "machine readable medium" may include any medium that can store or transfer information. Examples of the processor readable medium include an electronic circuit, a semiconductor memory device, a ROM, a flash memory, an erasable ROM (EROM), a floppy diskette, a CD ROM, an optical disk, a hard disk, a fiber optic medium, a radio frequency (RF) link, etc. The computer data signal may include any signal that can propagate over a transmission medium such as electronic network channels, optical fibers, air, electromagnetic, RF links, etc. The code segments may be downloaded via computer networks such as the Internet, Intranet, etc.--

Amendments to the Claims:

66. (Currently Amended) A computer program product, comprising:

a computer readable ~~usable~~ medium having computer executable ~~readable~~ code embodied therein to monitor electronic communications, the computer executable ~~readable~~ program code in said computer program product comprising:

first computer executable ~~readable~~ program code to receive an electronic communication containing one or more words provided by a user;

second computer executable ~~readable~~ program code to access at least a portion of said electronic communication;

third computer executable ~~readable~~ program code to generate user profile data, said user profile data to be used to identify the user, said user profile data to correspond to at least one previous electronic communication provided by the user;

fourth computer executable ~~readable~~ program code to generate a result indicative of the likelihood that said electronic communication relates to a predetermined subject; and

fifth computer executable ~~readable~~ program code to update the user profile data with said result;

sixth computer executable ~~readable~~ program code to assign a user level to said user, said user level to be correspond to one or more previous electronic communications the user has provided to a software application, said user level to vary

as the likelihood that said previous electronic communications relate to the predetermined subject;

seventh computer executable readable program code to assign word values to each of the one or more words contained in the electronic communication, said word values to be a function of the likelihood that the one or more words to which said word values are assigned relate to the predetermined subject;

eighth computer executable readable program code to assign word levels to each of the one or more words contained in the electronic communication, said word levels to be a function of the likelihood that the one or more words to which said word levels are assigned relate to the predetermined subject;

ninth computer executable readable program code to assign repeated indices to each of the one or more words contained in the electronic communication; and

tenth computer executable readable program code to determine a subset of words, said subset to be based on the word levels and repeated indices for the one or more words in said electronic communication, said subset to further be based on said user level.

67. **(Currently Amended)** A computer program product of claim 66, wherein said first computer executable readable program code to receive an electronic communication containing one or more words comprises first computer executable readable program code to receive a text message which has been entered into a computer by said user.

68. **(Currently Amended)** A computer program product of claim 67, wherein said first computer executable readable program code to receive the electronic communication containing one or more words comprises first computer executable readable program code to receive the electronic communication where said electronic communication has been posted to an electronic bulletin board, said electronic bulletin board capable of being accessed over a network by one or more users.
69. **(Currently Amended)** A computer program product of claim 66, wherein said first computer executable readable program code to receive the electronic communication containing one or more words comprises first computer executable readable program code to receive the electronic communication containing one or more words provided by the user to a software application, where the software application is one of the following: an e-mail application, an online chat server application, an electronic bulletin board application, a network browser application, and a parental monitoring system application.
70. **(Currently Amended)** A computer program product of claim 66, wherein said second computer executable readable program code to access at least a portion of said electronic communication comprises second computer executable readable program code to transmit a segment of the electronic

communication to a software module over a network, said segment having a predetermined length.

71. **(Currently Amended)** A computer program product of claim 70, wherein said second computer executable readable program code transmits the segment of the electronic communication to a software module over a network, said segment being determined by an add-on module associated with the software application according to said predetermined length.
72. **(Currently Amended)** A computer program product of claim 66, wherein said second computer executable readable program code to generate user profile data comprises computer executable readable program code to send information relating to the user's identity to a software module, computer executable readable program code to send a user level to a software module, said user level to be correspond to the likelihood that the user has provided electronic communications relating to the predetermined subject.
73. Cancelled.
74. **(Currently Amended)** A computer program product of claim 66, wherein said fourth computer executable readable program code to generate the result

indicative of the likelihood that said electronic communication relates to the predetermined subject comprises computer readable program code to generate the result indicative of the likelihood that said electronic communication relates to the predetermined subject, said updated user profile data to be sent to a software application, said software application to alter the user's ability to continue to provide electronic communications based on the updated user profile data.

75. **(Currently Amended)** A computer program product comprising:

a computer readable ~~usable~~ medium having computer executable ~~readable~~ code embodied therein to monitor electronic communications, the computer executable ~~readable~~ program code in said computer program product comprising:

first computer executable ~~readable~~ program code to receive an electronic communication containing one or more words provided by a user;

second computer executable ~~readable~~ program code to access at least a portion of said electronic communication;

third computer executable ~~readable~~ program code to generate user profile data, said user profile data to be used to identify the user, said user profile data to correspond to at least one previous electronic communication provided by the user;

fourth computer executable ~~readable~~ program code to generate a result indicative of the likelihood that said electronic communication relates to a predetermined subject;

fifth computer executable readable program code to update the user profile data with said result;

sixth computer executable readable program code to send said user profile data to a software application, wherein said software application is to alter the user's ability to continue to provide electronic communications based on the updated user profile data; and

seventh computer executable readable program code to display a user level indicator to a system monitor, said user level indicator to correspond to the updated user profile level, said system monitor to be monitoring one or more users concurrently.

76. **(Currently Amended)** A computer program product of claim 75, wherein said seventh computer executable readable program code to display the user level indicator to the system monitor comprises computer program executable readable code to display the user level indicator to the system monitor, said system monitor to be monitoring one or more users and receiving user level indicators for said one or more users, said one or more users to provide one or more messages, said user level indicators for said one or more users to be displayed contemporaneously with the receiving of said one or more messages.

Pursuant to 37 C.F.R. 1.109 and M.P.E.P. 1302.14, the following is an Examiner's Statement of Reasons for Allowance:

The prior arts of record do not teach a system and a method for monitoring electronic communications, comprising: a message sending from a user to the a software application; assigning a user level to be a function of the previous messages; assigning word value, level and repeated indices to each of one or more words contained in the message; and determining a set of counted words corresponding to the word levels, repeated indices and the user level.

The examiner considers the applicants' claims 1, 3-9, 11-13, 15-18, 35, 37-43, 45-52, 66-72 and 74-76 to be allowable based on the claim interpretation and the aforesaid prior arts of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably **accompany** the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

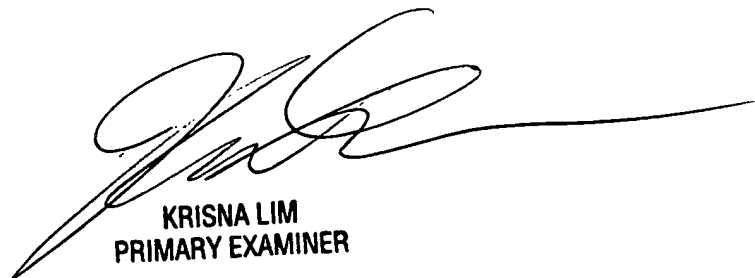
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Krisna Lim whose telephone number is 571-272-3956. The examiner can normally be reached on Monday to Wednesday and Friday from 7:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenton Burgess, can be reached on 571-272-3949. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KI

September 13, 2005



KRISNA LIM
PRIMARY EXAMINER